

Under the Paperwork Reduction act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	13546US02
First Inventor	Darrin Benzer
Title	Multi-Level/Single-Ended Input Level Shifter
Express Mail Label No.	EV331533657US

10/664379
02/17/03


APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

- | | |
|---|------------------|
| 1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17)
<i>(Submit an original and a duplicate for fee processing)</i> | [Total Pages 14] |
| 2. <input type="checkbox"/> Applicant claims small entity status.
See 37 CFR 1.27. | |
| 3. <input checked="" type="checkbox"/> Specification
<i>(preferred arrangement set forth below)</i> | |
| <ul style="list-style-type: none"> -Descriptive title of the invention -Cross Reference to Related Applications -Statement Regarding Fed sponsored R&D -Reference to sequence listing, a table, or a computer program listing appendix -Background of the Invention -Brief Description of the Drawings <i>(if filed)</i> -Detailed Description -Claim(s) -Abstract of the Disclosure | |
| 4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) | [Total Sheets 3] |
| 5. Oath or Declaration | [Total Sheets 4] |
| <ul style="list-style-type: none"> a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63(d))
<i>(for continuation/divisional with Box 18 completed)</i> | |
| <ul style="list-style-type: none"> i. <input type="checkbox"/> DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b). | |
| 6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76 | |

ADDRESS TO:
 Mail Stop Patent Application
 Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

- | |
|--|
| 7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or |
| Computer Program (Appendix) |
| 8. Nucleotide and/or Amino Acid Sequence Submission
<i>(if applicable, all necessary)</i> |
| a. <input type="checkbox"/> Computer Readable Form (CRF) |
| b. Specification Sequence Listing on: |
| i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or |
| ii. <input type="checkbox"/> Paper |
| c. <input type="checkbox"/> Statements verifying identity of above copies |

ACCOMPANYING APPLICATION PARTS

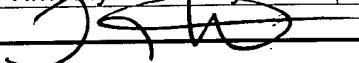
- | | |
|--|--|
| 9. <input type="checkbox"/> Assignment Papers (cover sheet & documents(s)) | |
| 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement | <input type="checkbox"/> Power of Attorney
<i>(when there is an assignee)</i> |
| 11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i> | |
| 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 | <input type="checkbox"/> Copies of IDS Citations |
| 13. <input checked="" type="checkbox"/> Preliminary Amendment | |
| 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503)
<i>(Should be specifically itemized)</i> | |
| 15. <input type="checkbox"/> Certified Copy of Priority Document(s)
<i>(if foreign priority is claimed)</i> | |
| 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)
(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. | |
| 17. <input type="checkbox"/> Other: _____ | |

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76:
 Continuation Divisional Continuation-in-part (CIP) of prior application No.: 10/164,205

Prior application information:

Examiner: NGUYEN, Long T Art Unit: 2816

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number:	23446	OR	<input type="checkbox"/> Correspondence address below
Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/type)	Timothy L. Harney	Registration No. (Attorney/Agent)	38,174
Signature			
Date	September 17, 2003		

14230 U.S. PTO
09/17/03

PTO/SB/17 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction act of 1995, no person is required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2003

Patent Fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT	(\$750.00)
-------------------------	------------

Completeness if Known	
Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Darrin Benzer
Examiner Name	Unassigned
Group Art Unit	Unassigned
Attorney Docket No.	13546US02

METHOD OF PAYMENT				FEE CALCULATION (continued)																																																																																																																																																																																													
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">13-0017</div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;">McAndrews Held & Malloy</div> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27				3. ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Fee Code</th> <th style="text-align: center;">Large Entity Fee (\$)</th> <th style="text-align: center;">Fee Code</th> <th style="text-align: center;">Small Entity Fee (\$)</th> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td style="text-align: center;">130</td><td style="text-align: center;">2051</td><td style="text-align: center;">65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td style="text-align: center;">50</td><td style="text-align: center;">2052</td><td style="text-align: center;">25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td style="text-align: center;">130</td><td style="text-align: center;">1053</td><td style="text-align: center;">130</td><td>Non-English specification</td><td></td></tr> <tr><td>1812</td><td style="text-align: center;">2,520</td><td style="text-align: center;">1812</td><td style="text-align: center;">2,520</td><td>For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td style="text-align: center;">920*</td><td style="text-align: center;">1804</td><td style="text-align: center;">920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td style="text-align: center;">1,840*</td><td style="text-align: center;">1805</td><td style="text-align: center;">1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td style="text-align: center;">110</td><td style="text-align: center;">2251</td><td style="text-align: center;">55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td style="text-align: center;">410</td><td style="text-align: center;">2252</td><td style="text-align: center;">205</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td style="text-align: center;">930</td><td style="text-align: center;">2253</td><td style="text-align: center;">465</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td style="text-align: center;">1,450</td><td style="text-align: center;">2254</td><td style="text-align: center;">725</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td style="text-align: center;">1,970</td><td style="text-align: center;">2255</td><td style="text-align: center;">985</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td style="text-align: center;">320</td><td style="text-align: center;">2401</td><td style="text-align: center;">160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td style="text-align: center;">320</td><td style="text-align: center;">2402</td><td style="text-align: center;">160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td style="text-align: center;">280</td><td style="text-align: center;">2403</td><td style="text-align: center;">140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td style="text-align: center;">1,510</td><td style="text-align: center;">1451</td><td style="text-align: center;">1510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td style="text-align: center;">110</td><td style="text-align: center;">2452</td><td style="text-align: center;">55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>1453</td><td style="text-align: center;">1,300</td><td style="text-align: center;">2453</td><td style="text-align: center;">650</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>1501</td><td style="text-align: center;">1,300</td><td style="text-align: center;">2501</td><td style="text-align: center;">650</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td style="text-align: center;">470</td><td style="text-align: center;">2502</td><td style="text-align: center;">235</td><td>Design issue fee</td><td></td></tr> <tr><td>1503</td><td style="text-align: center;">610</td><td style="text-align: center;">2503</td><td style="text-align: center;">315</td><td>Plant issue fee</td><td></td></tr> <tr><td>1460</td><td style="text-align: center;">130</td><td style="text-align: center;">1460</td><td style="text-align: center;">130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td style="text-align: center;">50</td><td style="text-align: center;">1807</td><td style="text-align: center;">50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr> <tr><td>1806</td><td style="text-align: center;">180</td><td style="text-align: center;">1806</td><td style="text-align: center;">180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td style="text-align: center;">40</td><td style="text-align: center;">8021</td><td style="text-align: center;">40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td style="text-align: center;">750</td><td style="text-align: center;">2809</td><td style="text-align: center;">375</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td style="text-align: center;">750</td><td style="text-align: center;">2810</td><td style="text-align: center;">375</td><td>For each additional invention to be examined (37 CFR 1.129(b))</td><td></td></tr> <tr><td>1801</td><td style="text-align: center;">750</td><td style="text-align: center;">2801</td><td style="text-align: center;">375</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td style="text-align: center;">900</td><td style="text-align: center;">1802</td><td style="text-align: center;">900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="4">Other fee (specify) -----</td><td></td><td></td></tr> <tr><td colspan="6">SUBTOTAL (3) (\$0.00)</td></tr> </tbody> </table>				Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath		1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet		1053	130	1053	130	Non-English specification		1812	2,520	1812	2,520	For filing a request for ex parte reexamination		1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action		1251	110	2251	55	Extension for reply within first month		1252	410	2252	205	Extension for reply within second month		1253	930	2253	465	Extension for reply within third month		1254	1,450	2254	725	Extension for reply within fourth month		1255	1,970	2255	985	Extension for reply within fifth month		1401	320	2401	160	Notice of Appeal		1402	320	2402	160	Filing a brief in support of an appeal		1403	280	2403	140	Request for oral hearing		1451	1,510	1451	1510	Petition to institute a public use proceeding		1452	110	2452	55	Petition to revive - unavoidable		1453	1,300	2453	650	Petition to revive - unintentional		1501	1,300	2501	650	Utility issue fee (or reissue)		1502	470	2502	235	Design issue fee		1503	610	2503	315	Plant issue fee		1460	130	1460	130	Petitions to the Commissioner		1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		1806	180	1806	180	Submission of Information Disclosure Stmt		8021	40	8021	40	Recording each patent assignment per property (times number of properties)		1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))		1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))		1801	750	2801	375	Request for Continued Examination (RCE)		1802	900	1802	900	Request for expedited examination of a design application		Other fee (specify) -----						SUBTOTAL (3) (\$0.00)					
Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																												
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																													
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																													
1053	130	1053	130	Non-English specification																																																																																																																																																																																													
1812	2,520	1812	2,520	For filing a request for ex parte reexamination																																																																																																																																																																																													
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																													
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																													
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																													
1252	410	2252	205	Extension for reply within second month																																																																																																																																																																																													
1253	930	2253	465	Extension for reply within third month																																																																																																																																																																																													
1254	1,450	2254	725	Extension for reply within fourth month																																																																																																																																																																																													
1255	1,970	2255	985	Extension for reply within fifth month																																																																																																																																																																																													
1401	320	2401	160	Notice of Appeal																																																																																																																																																																																													
1402	320	2402	160	Filing a brief in support of an appeal																																																																																																																																																																																													
1403	280	2403	140	Request for oral hearing																																																																																																																																																																																													
1451	1,510	1451	1510	Petition to institute a public use proceeding																																																																																																																																																																																													
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																													
1453	1,300	2453	650	Petition to revive - unintentional																																																																																																																																																																																													
1501	1,300	2501	650	Utility issue fee (or reissue)																																																																																																																																																																																													
1502	470	2502	235	Design issue fee																																																																																																																																																																																													
1503	610	2503	315	Plant issue fee																																																																																																																																																																																													
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																													
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																													
1806	180	1806	180	Submission of Information Disclosure Stmt																																																																																																																																																																																													
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																													
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																													
1810	750	2810	375	For each additional invention to be examined (37 CFR 1.129(b))																																																																																																																																																																																													
1801	750	2801	375	Request for Continued Examination (RCE)																																																																																																																																																																																													
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																													
Other fee (specify) -----																																																																																																																																																																																																	
SUBTOTAL (3) (\$0.00)																																																																																																																																																																																																	
**or number previously paid, if greater; For Reissues, see above				*Reduced by Basic Filing Fee Paid																																																																																																																																																																																													

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	Timothy L. Harney	Registration No. (Attorney or Agent)	38,174	Telephone	312-775-8000
Signature				Date	September 17, 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.